

ABSTRACT

A surface-protected plastic composite material comprising a transparent plastic, a coating layer (I) as
5 a first layer stacked on the transparent plastic and a thermally cured coating layer (II) as a second layer stacked on the first layer, the coating layer (I) being formed of a resin composition containing at least 50 % by weight, based on the resin content thereof, of an
10 acrylic resin which is an acrylic resin containing at least 50 mol% of recurring unit based on an alkyl methacrylate, the thermally cured coating layer (II) being made of an organosiloxane resin formed from the following components a, b and c,
15 (A) colloidal silica (component a),
(B) a hydrolysis condensate (component b) of a trialkoxysilane,
(C) a hydrolysis condensate (component c) of a tetraalkoxysilane,
20 the organosiloxane resin containing 5 to 45 % by weight of the component a, 50 to 80 % by weight of the component b and 2 to 30 % by weight of the component c, and use of the composite material as a window glass.

The present invention provides a transparent plastic
25 composite material that is remarkably improved in abrasion resistance and anti-peeling properties.